

## Robert Scholl

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**From:** James Gumpel  
**Sent:** Wednesday, February 17, 2010 7:53 AM  
**To:** 'kgage@sdewa.org'  
**Subject:** RE: Local Supply Data For 2010 Regional UWMP

Kelly

Just looked at the RW list and notice that Meadowlark Reclamation Plant is not on the list. It was a 2.25 MGD plant but now is permitted for 5 MGD

James H. Gumpel, P.E.  
Vallecitos Water District  
201 Vallecitos de Oro  
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(760) 744-0460

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**From:** Dennis Lamb  
**Sent:** Wednesday, February 17, 2010 7:22 AM  
**To:** James Gumpel  
**Cc:** Ken Gerdes  
**Subject:** FW: Local Supply Data For 2010 Regional UWMP

James,

Spoke with Ken Weinberg at the SDCWA yesterday. Are we up to speed with them? I know the e-mail from Kelley was a follow up to the one from Ken below. Told Ken that we had recently completed forecasted demands and we could provide.

Thanks

Dennis

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**From:** Gage, Kelley [mailto:KGage@sdewa.org]  
**Sent:** Monday, February 01, 2010 9:28 AM  
**To:** Bill O'Donnel; Blair Knoll; Brett Hodgkiss; Cari Dale; Cathy Pieroni; Dan Barter; David Glanville; David Scherer; Dennis Lamb; Doug Wilson; George Adrian; Jack Bebee; Jeanne Swaringen; John Carnegie; Joseph Randall; Karen Falk; Kate Breece; Kathy Stetson; Kristen Crane; Linden Burzell; Lonnie Thibodeaux; Lori Rountree; Luis Generoso; Luis Valdez; Mark Watton; Marsi Steirer; Michael Garrod; Mitch Dion; Noelle Denke; Ralph McIntosh; Richard Walker; Sherry Rebuena; Steve Plyler; Sue Mosberg; Tom Howard  
**Subject:** FW: Local Supply Data For 2010 Regional UWMP

Please find below an email that went to all Member Agency managers today. Water Authority staff have been working with you on updating local supply project numbers, and will be contacting you to verify and/or modify the attached information.

Please feel free to contact me with any questions you may have.

Thank you,

**Kelley Gage**  
San Diego County Water Authority

Ph: (858) 522-6763  
E: [kgage@sdcwa.org](mailto:kgage@sdcwa.org)

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**From:** Weinberg, Ken  
**Sent:** Monday, February 01, 2010 8:54 AM  
**To:** MSteirer@sandiego.gov; CPieroni@SanDiego.Gov; Alex Ruiz; Belock, Frank; Bob Cook; Cushman, Dennis; Dave Seymour; David Scherer; Doug Wilson; Foster, Jason; Gary Arant; Jeremy Jungreis; Jim Barrett; Keith Lewinger; Ken Weinberg; Kerl, Sandy; Kim Thorner; Larry Watt; Leah Browder; Linden Burzell; Linden Burzell (E-mail); Lonnie Thibodeaux; Lori Vereker; Mark Rogers; Mark Stone; Mark Watton (E-mail); Mark Weston; Maryam Babaki; Mike Bardin; Mitch Dion; Ralph McIntosh; Ron Couchot; Roy Coox; Stapleton, Maureen; Victor Graves; William Rucker  
**Cc:** Friehauf, Dana; Gage, Kelley; Bombardier, Tim; Yamada, Robert  
**Subject:** Local Supply Data For 2010 Regional UWMP

#### Member Agency Managers

Since the 2010 Urban Water Management Plan (UWMP) Kickoff Workshop in October 2009, Water Authority staff has monitored legislative developments in Sacramento for impacts to UWMPs. This email contains information on the impacts of Senate Bill 7 on the UWMP.

After consulting with the Water Authority's General Counsel it appears that the six-month extension in Senate Bill 7, allowing retail water suppliers to submit their UWMPs to DWR by July 1, 2011, does not apply to wholesale water suppliers. Metropolitan Water District staff have come to the same conclusion. Therefore, the Water Authority, along with Metropolitan Water District, will need to comply with existing law and submit their Regional UWMPs by December 31, 2010.

To keep on track, we are requesting that your staff assist us in providing timely information on updating local supply project projections. This effort began in November 2009, and is still in process. Metropolitan has recently provided us their projection data for SDCWA local supply projects (attached). Working together, we want to ensure that this local supply project information is as accurate as possible and reflects the proper data for your agency – as it is important to maintain consistency between plans for Metropolitan, the Water Authority, and our member agencies. We are striving to complete the regional demand forecast in the next two months, and it is critical that we receive your updates to local supply data by no later than **February 19, 2010**.

In keeping with the Dec. 31, 2010 submittal date to DWR, the Water Authority is working on the draft 2010 UWMP that is tentatively scheduled to be sent out for member agency review by August 2010.

If you have any additional questions, please call Kelley Gage at (858) 522-6763 or email at [kgage@sdcwa.org](mailto:kgage@sdcwa.org).

Thank you for your cooperation.

Ken

## Robert Scholl

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**From:** James Gumpel  
**Sent:** Friday, May 20, 2011 3:18 PM  
**To:** Robert Scholl  
**Subject:** FW: Water Authority 2010 UWMP administrative draft comments + low income housing demand requirement  
**Attachments:** image002.jpg; image003.jpg

James H. Gumpel, P.E.  
Principal Engineer  
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**From:** James Gumpel  
**Sent:** Friday, April 22, 2011 11:23 AM  
**To:** 'Gage, Kelley'  
**Subject:** RE: Water Authority 2010 UWMP administrative draft comments + low income housing demand requirement

Kelley

This is from our Finance Manager for VWD's project water demand

2015 – 17,943  
2020 – 19,293  
2025 – 19,933  
2030 – 20,572  
2035 – 21,211

	Year End	Purchases
	June 30,	Acre Feet
Actual	2007	21,836
	2008	20,566
	2009	19,107
	2010	16,308
Projected	2011	14,873
	2012	15,450
	2013	16,271
	2014	17,097
	2015	17,943
	2016	18,782
	2017	18,910
	2018	19,038
	2019	19,166
	2020	19,293
	2021	19,421
	2022	19,549
	2023	19,677
	2024	19,805
	2025	19,933
	2026	20,060
	2027	20,188
	2028	20,316
	2029	20,444
	2030	20,572
	2031	20,700
	2032	20,827
	2033	20,955
	2034	21,083
	2035	21,211

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**From:** Gage, Kelley [mailto:KGage@sdewa.org]

**Sent:** Tuesday, April 19, 2011 11:41 AM

**To:** Alicia Yerman; Bill Hunter; Bill O'Donnell; Bill Plummer; Blair Knoll; Bob Kennedy; Brett Hodgkiss; Cathy Pieroni; Daniel P Bartu; David Glanville; Doug Wilson; Elisa Marrone; Minicilli, Eric; George Adrian; Glenn Pruim; Jack Bebee; James Gumpel; Jeanne Swarington; Jeff Barnes; Jeff Marchand; Jessica Parks; Joseph Randall; Judith Ludlow; Karen Falk; Kristen Crane; Linden Burzell; Lori Rountree; Luis Generoso; Luis Valdez; Watton, Mark; Marsi Steirer; Melissa McChesney; Michael Garrod; Mike Uhrhammer; Dion, Mitch; Noelle Denke; Ralph McIntosh; Rich Stevenson; Richard Walker; Robert Scholl; Robin Bier; Scott Humphrey-Oceanside Consult; Sherry Rebuena; Steve Plyler; Sue Mosberg; Teresa Chase; Teresa Gomez; Tom Howard; Trish Garcia; Wally Grabbe PE

**Subject:** Water Authority 2010 UWMP administrative draft comments + low income housing demand requirement

To Member Agency UWMP Preparers:

This email serves as a reminder that comments are due on the Water Authority's administrative draft 2010 UWMP by **Thursday, April 21<sup>st</sup>**, in order for comments to be incorporated into the Water Authority's public review draft document.

**Coordination with SANDAG on low-income housing demand requirement**

Additionally, Water Authority staff has been in discussions with SANDAG regarding the UWMP Act's new low-income housing demand requirement for retail water agencies' plans. SANDAG has offered its assistance in developing an approach to estimate member agencies' proportional share of local jurisdictions' forecasted low-income housing units. However, given that this effort will not be completed until the end of April and member agencies are in the process of finalizing their UWMPs for public review, we are requesting your feedback regarding whether to continue to pursue this task with SANDAG. Please let us know if your agency would like us to continue working with SANDAG to develop an approach and prepare member agency level low-income housing unit projections as soon as possible, but not later than April 21<sup>st</sup>.

Thank you,

KELLEY GAGE | Senior Water Resources Specialist



San Diego County Water Authority

4677 Overland Avenue

San Diego, CA 92123

PH: (858) 522-6763

## Robert Scholl

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**From:** James Gumpel  
**Sent:** Friday, May 20, 2011 3:15 PM  
**To:** Robert Scholl  
**Subject:** FW: Demand Forecast Tables for Vallecitos WD  
**Attachments:** Vallecitos Updated.pdf

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**From:** Bombardier, Tim [mailto:tbombardier@sdcwa.org]  
**Sent:** Tuesday, April 26, 2011 6:25 PM  
**To:** James Gumpel  
**Cc:** Gage, Kelley  
**Subject:** Demand Forecast Tables for Vallecitos WD

James,

The attached file contains the Water Authority's demand forecast tables (total baseline demand, additional conservation requirement for SBx7-7 compliance, and net demand on the Water Authority) for the Vallecitos WD service area. This information was used to develop your agency's imported demand projections contained in Table 2-9 of the Water Authority's draft 2010 UWMP. As we discussed, since we are using similar gpcd targets, the difference in our demand projections is due to variances in population projections. Could you please forward me your 2015-2035 population estimates and a summary of their derivation (including the sewer only customer issue)? This will help to craft an explanation of the difference.

Thanks,

Tim

**Draft Member Agency Demand Forecast for  
Vallecitos WD**

**Table 1  
Baseline Demand Forecast (AF)**

		2015	2020	2025	2030	2035
A	Baseline M&I Demand <sup>1,2</sup>	17,884	21,588	24,902	28,116	30,844
B	Baseline Total Agricultural Demand <sup>3</sup>	1,345	1,197	1,170	1,144	1,118
C	Near-term Annexations	0	0	0	0	0
D=A+B+C	<b>Total Baseline Demand</b>	<b>19,229</b>	<b>22,785</b>	<b>26,072</b>	<b>29,260</b>	<b>31,962</b>

**Footnotes**

- 1) Reflects reduced demands due to existing passive conservation savings
- 2) Includes increment of demand associated with the decay of historic active conservation program savings
- 3) Consists of agricultural demand under the SAWR program and agricultural water purchased at the full service M&I rate.  
A member agency level bifurcation of agricultural demands between these two categories would require additional agency information.

**Table 2  
Water Use Efficiency Goal and Additional Conservation Requirement (AF)**

		2015	2020	2025	2030	2035
E = D	Total Baseline Demand	19,229	22,785	26,072	29,260	31,962
F	20 x 2020 Demand Target <sup>1</sup>	18,666	17,454	18,777	19,547	19,949
G=F-E	Water Use Efficiency (WUE) Goal <sup>2</sup>	-563	-5,331	-7,295	-9,713	-12,013
H	Existing Recycled Water	0	0	0	0	0
I	Projected Additional Verifiable Recycled Water	0	0	0	0	0
J=G+H+I	<b>WUE Goal Surplus<sup>3</sup></b>	<b>-563</b>	<b>-5,331</b>	<b>-7,295</b>	<b>-9,713</b>	<b>-12,013</b>
K	<b>Additional Conservation Required to Meet WUE Goal<sup>4</sup></b>	<b>-563</b>	<b>-5,331</b>	<b>-7,295</b>	<b>-9,713</b>	<b>-12,013</b>

**Footnotes**

- 1) Based on SBX 7-7 Method 1 calculation, see GPCD Target tab
- 2) WUE goal set to zero in years that total baseline demand is lower than 20x2020 demand target
- 3) Positive values indicate WUE goal achieved without additional conservation
- 4) Additional increment of conservation, beyond existing passive savings, required to meet water use efficiency target

**Table 3  
Water Authority Demand (AF)**

		2015	2020	2025	2030	2035
L = D	Total Baseline Demand	19,229	22,785	26,072	29,260	31,962
M = K	Additional Conservation Target	-563	-5,331	-7,295	-9,713	-12,013
N=L+M	Total Baseline Demand w/ Conservation	18,666	17,454	18,777	19,547	19,949
	Projected Verifiable Local Supplies					
O	Surface Water	0	0	0	0	0
P	Groundwater	0	0	0	0	0
Q=H+I	Recycled Water	0	0	0	0	0
R=N-O-P-Q	Water Authority Demand	18,666	17,454	18,777	19,547	19,949

**Estimated Base Period Total Potable Demands and  
20 x 2020 GPCD Target for  
Vallecitos WD  
(based on SBX 7-7 Method 1)**

**Selected  
GPCD Base Period            199**

	<b>2015</b>	<b>2020</b>	<b>2025</b>	<b>2030</b>	<b>2035</b>
<b>GPCD Goal</b>	179	159	159	159	159
<b>Population Projection</b>	93,096	98,001	105,428	109,751	112,007
<b>20x2020 Demand Target (AF)</b>	18,666	17,454	18,777	19,547	19,949